

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"20050254344".pn.	US- PGPUB; USPAT	OR	ON	2008/03/17 07:55
S2	0	barras.inv. and (transducer and acoustic). clm.	US- PGPUB; USPAT	OR	ON	2008/03/18 09:36
S3	2	barras.inv. and (transducer and acoustic).clm.	US- PGPUB; USPAT	OR	ON	2008/03/18 09:36
S4	5	("6236889" "4242745" "4320387" "5719825" "5848027").pn.	US- PGPUB; USPAT	OR	ON	2008/03/18 09:54
S5	4084	transducer same (frequency adj response)	US- PGPUB; USPAT	OR	ON	2008/03/19 08:17
S6	1418	S5 and bandwidth	US- PGPUB; USPAT	OR	ON	2008/03/19 08:18
S7	106	(electroacoustic adj transducer) same (frequency adj response)	US- PGPUB; USPAT	OR	ON	2008/03/19 08:19
S8	0	coincid\$3 same (carrier adj wave) same (frequency adj wave)	US- PGPUB; USPAT	OR	ON	2008/03/19 08:36
S9	1	coincid\$3 same (carrier adj wave\$1) same (frequency adj response)	US- PGPUB; USPAT	OR	ON	2008/03/19 08:37
S10	3	overlap\$4 same (carrier adj wave\$1) same (frequency adj response)	US- PGPUB; USPAT	OR	ON	2008/03/19 08:37
S11	176	(electroacoustic adj transducer) and (spectral diversity)	US- PGPUB; USPAT	OR	ON	2008/03/19 08:41
S12	14	(electroacoustic adj transducer) same (spectral diversity)	US- PGPUB; USPAT	OR	ON	2008/03/19 08:41

S13	1	(electroacoustic adj transducer) same (spectral adj diversity)	US-PGPUB; USPAT	OR	ON	2008/03/19 08:41
S14	1	(electroacoustic adj transducer) and (spectral adj diversity)	US-PGPUB; USPAT	OR	ON	2008/03/19 08:41
S15	2	(transducer) and (spectral adj diversity)	US-PGPUB; USPAT	OR	ON	2008/03/19 08:42
S16	1	((electroacoustic or electric\$4acoustic) adj transducer) or piezoelectric) same (carrier adj wave) same (frequency with sweep \$4)	US-PGPUB; USPAT	OR	ON	2008/03/19 08:52
S17	2	((electroacoustic or electric\$4acoustic) adj transducer) or piezoelectric) and ((carrier adj wave) same (frequency with sweep \$4))	US-PGPUB; USPAT	OR	ON	2008/03/19 08:53
S18	603	((constant or unchanged) adj envelope) same carrier	US-PGPUB; USPAT	OR	ON	2008/03/19 10:58
S19	2	S18 and ((electroacoustic or electric\$4acoustic) adj transducer) or piezoelectric)	US-PGPUB; USPAT	OR	ON	2008/03/19 10:58
S20	18	((constant or unchanged) adj envelope) same carrier same (frequenc\$3 near3 (var\$4 or chang\$3))	US-PGPUB; USPAT	OR	ON	2008/03/19 11:02
S21	621	linear\$2 same carrier same (frequenc\$3 near3 (var\$4 or chang\$3))	US-PGPUB; USPAT	OR	ON	2008/03/19 13:45
S22	288	carrier same ((frequenc\$3 near3 (var\$4 or chang\$3)) with linear\$2)	US-PGPUB; USPAT	OR	ON	2008/03/19 13:47
S23	31	S22 and transducer\$1	US-PGPUB; USPAT	OR	ON	2008/03/19 13:48

S24	7	(US-20030155843-\$). did. or (US-6236889-\$ or US-4209783-\$ or US- 6560293-\$ or US- 6404821-\$ or US- 5337289-\$ or US- 4245220-\$).did.	US- PGPUB; USPAT	OR	ON	2008/03/19 15:49
S25	4	S24 and table	US- PGPUB; USPAT	OR	ON	2008/03/19 15:49

3/ 24/ 2008 7:56:08 AM

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Transmission system using sound waves.wsp